



Dr. Mitarlis, S.Pd., M.Si.

Position	Chemistry Education Lecturer			
	Lecturer on Chemistry Education			
Academic Career	Degree	University	Year	
	Bachelor Degree (Chemistry Education)	IKIP Surabaya	1988-1993	
	Master Degree (Pharmaceutical Chemistry)	Universitas Airlangga	1997- 2000	
	Doctoral Degree (Chemistry Education)	Universitas Negeri Malang	2019	
Employment	Position	Employer	Period	
	Associate Professor	Universitas Negeri Surabaya – Indonesia		
Research and Development Projects Over The Last 5 Years	Title	Year	Partner/Funder	Amount of Financing
	Analisis Nilai Karakter Sains berwawasan Green Chemistry Terintegrasi pada Mata Kuliah Kimia Dasar dalam Rangka mewujudkan Green Education <i>(Analysis of Integrated Green Chemistry Insight Science Character</i>	2015	Penelitian Fundamental DP2M	Rp. 65.000.000,00

	<i>in Basic Chemistry Course in order to Embodying Green Education)</i>			
	Analisis Karakter Sains Berwawasan Green Chemistry Terintegrasi pada Mata Kuliah Kimia Dasar dalam rangka Mewujudkan Green Education (<i>Analysis of Integrated Green Chemistry Insight Science Character in Basic Chemistry Course in order to Embodying Green Education)</i>)	2016	Penelitian Fundamental (DIKTI)	Rp. 60.000.000,00
	Implementasi Perkuliahan Blended Learning pada Mata Kuliah Pembelajaran Inovatif di Jurusan Kimia FMIPA Unesa (<i>Implementation of Blended Learning Lecture in Innovative Learning II Course in Chemistry Department Faculty of Mathematics and Natural Sciences Universitas Negeri Surabaya)</i>)	2016	BOPTN	Rp. 10.000.000,00
	Mempelajari Hubungan Struktur-Aktivitas Imunostimulan Senyawa Metabolit Sekunder dari Tumbuhan Paku Perak (<i>Pityrogramma calomelanos</i>) (<i>Studying the Correlation of Immunostimulant Structures-Activities of Secondary Metabolites from Fern (Pityrogramma</i>	2017	Penelitian Fundamental	Rp. 51.145.000,00

	<i>calomelanos))</i>			
	Pengembangan Perangkat Pembelajaran Mata Kuliah Kimia Dasar Berwawasan Green Chemistry dalam Rangka Mewujudkan Green Education (<i>Development of Learning Tools for Chemistry Subjects with Green Chemistry Insights in the Context of Realizing Green Education</i>)	2017	Penelitian Sosial, Humaniora, dan Pendidikan	Rp. 82.981.000,00
	Mempelajari Hubungan Struktur-Aktivitas Immunostimulan Senyawa Metabolit Sekunder dari Tumbuhan Paku Perak (<i>Pityrogramma calomelanos</i>) (<i>Studying the Correlation of Immunostimulant Structures-Activities of Secondary Metabolites from Fern (Pityrogramma calomelanos)</i>)	2018	DRPM/Hibah Penelitian Dasar Unggulan Perguruan Tinggi	Rp. 112.500.000,00
Pengembangan Bahan Ajar Kimia Dasar I Berbasis Problem Solving secara Blended Learning dalam Upaya Meningkatkan Keterampilan Berpikir Mahasiswa (<i>Development of Basic Chemistry I Teaching Materials Based on Problem Solving by Blended Learning as Effort to Improve Students' Thinking Skills</i>)	2018	Penelitian Dana PNBPFMIPA Unesa	Rp. 10.000.000,00	

	Pengembangan Perangkat Pembelajaran Mata Kuliah Kimia Dasar Berwawasan Green Chemistry Dalam Rangka Mewujudkan Green Education <i>(Development of Learning Tools for Basic Chemistry Course with Green Chemistry Insights in order to Embodying Green Education)</i>	2018	Penelitian Strategis Nasional Institusi	Rp. 120.000.000,00
	Eksplorasi Perubahan Konseptual dan Keterampilan Metakognitif dalam Pembelajaran Berbasis Problem-Solving pada Mahasiswa Kimia <i>(Exploration of Conceptual Changes and Metacognitive Skills in Problem-Solving-Based Learning Chemistry Students)</i>	2019	Penelitian Dasar, Dana PNBP Melalui LPPM	Rp. 40.000.000,00
	Profil Konsepsi Mahasiswa Jurusan Kimia pada Materi Kimia <i>(Chemistry Department Students Conception Profile on Chemistry Topics)</i>	2019	Dana PNBP Melalui FMIPA	Rp. 10.000.000,00
Industry Collaborations Over The Last 5 Years				
Patents and Proprietary Rights	Title	Patent ID		Year
	Green Chemistry in Green Education Logo	Copyright Registration Number: 083811		2016

	Buku Organisasi dan Manajemen Laboratorium Pendidikan Kimia (Book of Organization and Management of Chemistry Education Laboratory)	Copyright Registration Number: 081931	2016
	Maksimalisasi Pemanfaatan Biomassa sebagai Bahan Baku Kimia Furfural dan Biobriket (Maximizing the Utilization of Biomass as a Raw Material for Furfural and Biobriquette Chemicals)	Patent Registration Number: P00201605122 (Public Test)	2017
Important Publication Over The Last 5 Years	<ol style="list-style-type: none"> 1. Mitarlis, S. Ibnu, S. Rayahu and Sutrisno. 2017. Environmental Literacy with Green Chemistry Oriented in 21st Century Learning. <i>Proceeding of 2nd International Seminar on Chemical Education Published by AIP Conference Proceeding 1911, 020020</i>. 2. Mitarlis, U. Azizah and B. Yonata. 2017. Learning design to Integrate Scientific Character Values with Green Chemistry Insight in Basic Chemistry Course. <i>International Conference on Education Innovation (ICEI) October 2017 published by Atlantis Press</i>. 3. Mitarlis, U. Azizah and B. Yonata. 2017. Lembar Kegiatan Mahasiswa Praktikum Pada Mata Kuliah Kimia Dasar I Berwawasan Green Chemistry Dalam Upaya Mewujudkan Green Education (Practicum Student Activity Sheet in Basic Chemistry I Course with Green Chemistry Insight in an Effort to Embodying Green Education). <i>Prosiding Seminar Nasional Hasil Penelitian dan Pengabdian kepada Masyarakat, PPM Unesa, 4 Nopember 2017</i>. 4. Suyatno, Ismono, Mitarlis, N. Hidajati and A. P. Wardana. 2018. Secondary Metabolites Isolated from The Dichloromethane Extract of Silver Fern (<i>Pityrogramma calomelanos</i>). <i>RJCBCS Vol 9 No.1 pp 566-570</i>. 5. Mitarlis, U. Azizah and B. Yonata. 2018. Pemanfaatan Indikator Alam dalam Mewujudkan Pembelajaran Kimia Berwawasan Green Chemistry (Utilization of Natural Indicators to Embodying Green Chemistry-Based Chemistry Learning). <i>Jurnal Penelitian Pendidikan IPA (JPPIPA) Prodi Pendidikan Sains FMIPA Unesa, Vol.3. No .1</i>. 		

6. **Mitarlis**, U. Azizah and B. Yonata. 2018. Designing of Basic Chemistry Course to Support Learning Curriculum with Green Chemistry Insight. *Atlantis Press Vol. 157. ISSN: 1951-6851, ISBN: 978-94-6251-601-3.*
7. **Mitarlis**, U. Azizah and B. Yonata. 2018. Alternative Lesson Design of Basic Chemistry Learning to Integrate Green Chemistry Principles as View of Scientific Character Values. *Advances in Engineering Research, Atlantis Press Vol. 171 ISSN: 2352-5401, ISBN: 978-94-6252-591-7.*
8. **Mitarlis** and N. Herdyastuti. 2018. Pelatihan Pengelolaan Laboratorium Pendidikan Kimia Bagi Guru-Guru MGMP Kimia Blitar (Chemical Education Laboratory Management Training for Chemistry Teachers Organization in Blitar). *Jurnal Abdi Vol. 4 No. 1, pp: 45-50.*
9. R. Kurniawan and **Mitarlis**. 2018. Practicing The Student's Communication Skills Through The Application Of Guided Inquiry On The Reaction Rate Material At XI Grade SMAN 1 Cerme-Gresik. *Unesa Journal of Chemical Education Vol. 7 No. 1, pp: 1-7.*
10. U. Azizah, H. Nasrudin and **Mitarlis**. 2019. Metacognitive Skills: A Solution in Chemistry Problem Solving. *IOP Conf. Series: Journal of Physics: Conference Series (JPCS), volume 1417, Number 1, (2019) 012084. doi:10.1088/1742-6596/1417/1/012084*
11. **Mitarlis**, U. Azizah and B. Yonata. 2019. Utilization of Colored Flowers as An Alternative Learning Media of Acid Base Indicator On Basic Chemistry Course With Green Chemistry Insight. *Atlantis Highlights in Chemistry and Pharmaceutical Science. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-877-2.*

Activities in Special Institution	Organization Role	Position	Period